

## REMARKS

Applicants appreciate the Examiner's inclusion of Claim 3 as part of the elected species. Applicants are amending multiple-dependent Claims 9, 10, 12 and 13 to also include a dependency to Claim 3. If any fee should be due for this amendment, please charge our deposit account 50/1039.

Applicants will now address each of the Examiner's rejections in the order in which they appear in the Office Action.

### Claim Rejections - 35 USC §112

In the Office Action, the Examiner rejects Claims 1-4 under 35 USC §112, second paragraph, as being indefinite. This rejection is respectfully traversed.

While Applicants traverse this rejection, in order to advance the prosecution of this application, Applicants are amending independent Claims 1-3 to delete the objected to parenthesis and to delete the word "general," as suggested by the Examiner. It is respectfully submitted that these amendments overcome the Examiner's objections, and it is requested that this rejection be withdrawn.

### Claim Rejections - 35 USC §102

The Examiner also rejects Claims 1-2, 9 and 12-13 under 35 USC §102(a) as being anticipated by Thomas et al. ("Quinoxalines Incorporating Triarylaminines: Potential Electroluminescent Materials with Tunable Emission Characteristics"). This rejection is also respectfully traversed.

While Applicants traverse this rejection, in order to advance the prosecution of this

application, Applicants are amending independent Claim 1 to recite the feature of “at least one of  $R^1$ – $R^4$  are different from the others.” It is respectfully submitted that this feature is not disclosed or suggested by Thomas. Therefore, independent Claim 1 cannot be anticipated by and is patentable over this reference.

With regard to independent Claim 2, Applicants respectfully submit that, for example, formula (3), wherein  $R^{13}$ – $R^{22}$  **independently** represents a hydrogen atom, a halogen atom, a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group, an aryl group, or a heterocyclic residue group is *different* from the compounds 3: (Ar = 1-Naphthyl), 5: (Ar = 9,9-diethyl-3-fluorenyl), and 7: (Ar = 9-ethyl-3-carbazoyl) of Thomas. Therefore, Claim 2 is patentably distinguishable from Thomas since the reference does not teach or suggest the claimed feature of “wherein in the formula, X and Y each independently represents any of formulas (3)–(5);  $R^1$  -  $R^{38}$  **independently** represents a hydrogen atom, a halogen atom, a lower alkyl group, an alkoxy group, an acyl group, a nitro group, a cyano group, an amino group, a dialkylamino group, a diarylamino group, a vinyl group, an aryl group, or a heterocyclic residue group” (emphasis added). Therefore, independent Claim 2 cannot be anticipated by and is patentable over this reference.

Accordingly, independent Claims 1 and 2 and those claims dependent thereon are not disclosed or suggested by Thomas, and it is respectfully requested that this rejection be withdrawn.

#### Claim Rejections - 35 USC §103

The Examiner also rejects Claims 10-11 and 14-17 under 35 USC §103(a) as being unpatentable over Thomas in view of Thompson et al. (US 6,303,238). This rejection is also

respectfully traversed.

Each of these claims is a dependent claim. Therefore, for at least the reasons discussed above for the independent claims, each of these claims is also patentable over the cited references. Accordingly, it is respectfully requested that this rejection be withdrawn.

Information Disclosure Statement

Applicants are submitting an information disclosure statement (IDS) herewith. It is respectfully requested that this IDS be entered and considered prior to the issuance of any further action on this application.

Conclusion

It is respectfully submitted that the present application is in a condition for allowance and should be allowed.

If any fee should be due for this amendment, please charge our deposit account 50/1039.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,



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